

Title: Pupil's preconceptions about heat and temperature

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Abstract:

This thesis deals with the preconceptions of students in the field of heat and temperature. First, here is an overview of textbooks for elementary and secondary schools with topics concerning heat and temperature, and an overview of czech and foreign literature on the subject. The thesis also contains a survey conducted among primary school pupils and their corresponding grades of grammar schools and overview of misconceptions obtained on the basis of this survey. The final part contains two worksheets created to better understand the subject matter of the heat and temperature.

Keywords: Preconceptions, misconceptions, heat, temperature, primary and grammar school pupils

